

INTERNATIONAL SEARCH REPORT

II **Local Application No**

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 2001/042107 A1 (PALM STEPHEN R) 15 November 2001 (2001-11-15) figures 1,3,4 page 1, paragraphs 3,7,9,10 page 2, paragraphs 37,39,40 page 3, paragraphs 43,47,62 page 4, paragraphs 76,77 page 5, paragraphs 92,93 ----- -/-/ | 1-12 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

◦ Special categories of cited documents :

- "A"** document defining the general state of the art which is not considered to be of particular relevance
- "E"** earlier document but published on or after the international filing date
- "L"** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O"** document referring to an oral disclosure, use, exhibition or other means
- "P"** document published prior to the international filing date but later than the priority date claimed

- T** later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- 8** document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

1 September 2004

07/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Mircescu, A

INTERNATIONAL SEARCH REPORTI tional Application No
PCT/IB2004/050946**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| A | WO 02/19249 A (REARDEN STEEL INC) 7 March 2002 (2002-03-07) figures 1,2,4,8 page 4, lines 10-31 page 5, lines 1-29 page 8, lines 14-24 page 9, lines 24-30 page 10, lines 1-7 page 17, lines 13-29 page 19, lines 12-23 ----- | 1-12 |
| A | WO 03/025726 A (UCENTRIC HOLDINGS INC ; LIVELY DAVID F (US); WATLINGTON JOHN (US); KOK) 27 March 2003 (2003-03-27) figures 3,7 page 2, paragraph 3 page 5, paragraph 5 page 6, paragraph 1-3 page 14, paragraph 3 page 18, paragraph 2-4 page 23, paragraphs 2,3 ----- | 1-12 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2004/050946

| Patent document cited in search report | Publication date | Patent family member(s) | | Publication date |
|--|------------------|-------------------------|---|--|
| US 2001042107 | A1 | 15-11-2001 | | NONE |
| WO 0219249 | A | 07-03-2002 | AU 7369201 A WO 0219249 A2 | 13-03-2002 07-03-2002 |
| WO 03025726 | A | 27-03-2003 | EP 1436686 A1 EP 1436687 A1 EP 1436934 A2 WO 03025726 A1 WO 03025727 A1 WO 03026187 A2 | 14-07-2004 14-07-2004 14-07-2004 27-03-2003 27-03-2003 27-03-2003 |